

## ***MSP/MCD DECAL APPLICATION POLICY FOR SCHOOL BUSES***

### **TIRE, WHEEL AND HUB**

#### **Tires: General Condition**

Tires shall be free from chunking, bumps, knots, or bulges evidencing cord, ply or tread separation from the casing.

**RED:** Any sidewall cut, worn or damaged to the extent that the plycord is exposed. *49 CFR 570.62 (c), 570.62 (d), NS 11.22*

**RED:** Any observable bump, bulge or knot related to sidewall or tread separation. *49 CFR 570.62 (c), NS 11.22*

**RED:** Any unrepaired fabric break or any fabric break that has been repaired with a blow out patch. Any visible boot, rim crack, ply repair, or plugged sidewall. *49 CFR 396 Subpart (b)*

The tread shall not be less than 4/32 of an inch on each front tire of any vehicle, not less than 2/32 inch on all other tires. Tires shall be properly inflated.

**RED:** Any tire worn less than 2/32 inch, 4/32 on steering axle, when measured in any two adjacent major tread grooves at three locations spaced evenly around the circumference of the tire at the area of greatest wear. *49 CFR 570.62 (1), NST 11.21.*

**RED:** Any tire is flat or has a noticeable leak. *NST 11.21*

Valve stems, wheels and safety stops.

**YELLOW:** Any tire improperly mounted on valve stem safety stop.

**YELLOW:** Safety stop is missing or damaged.

Recapped, regrooved, retreaded, reinforcement repairs to front-mounted tires and tires marked “Not for Highway Use” or labeled with specific restrictions.

**RED:** Any tire recapped, regrooved or recut below the original grooved depth.

**RED:** Any tire marked for restricted use. *49 CFR 570.62 (e) (1)*

**RED:** Reinforcement repair to cord body on front-mounted tires. *49 CFR 570.62 (d)*

Tire size and manufacturer specifications.

**RED:** Radial and bias type tires on the same axle. *49 CFR 570.62 (b) (1), NS 11.24*

**RED:** Mixed size tires on same axle. *49 CFR 570.62 (b) (1), NS 11.24*

Spare tires.

**RED:** Type I spare inside passenger compartment.

**RED:** Type II loose spare tire inside passenger compartment.

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### **TIRE, WHEEL AND HUB (cont.)**

#### **Wheels and Rims**

A tire rim, wheel disc or spider shall have no visible cracks, elongated boltholes, or indication of in-service repair by welding.

**RED:** Any welded repairs on wheels or spokes. *49 CFR 570.63 (a)*

**RED:** Rims, spacers and or rings are bent, sprung, cracked, improperly seated, damaged or mismatched. *NST SBI 11.25*

**RED:** No gap at split ring ends.

Cast wheels shall not be cracked or show evidence of excessive wear in the clamp area.

**RED:** The casting is cracked or there is evidence of wear in the clamping area. *49 CFR 570.63 (b)*

#### **Disc wheels.**

**RED:** Stud holes are out of round.

**RED:** There are cracks between the hand holes and/or the stud holes in the disc.

All wheel nuts and clamps shall be in place and tight.

**RED:** Clamps or nuts are loose, damaged or missing.

#### **Hub**

**RED:** Excessive wheel bearing play that exceeds OEM specifications. *NST SBI 11.26*